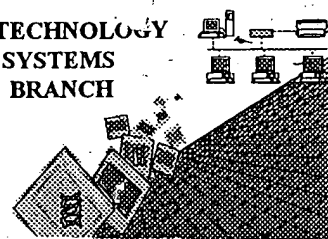


# RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



TECH CENTER 1600/2900

JAN 29 2003

RECEIVED

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/806,125A  
Source: 1600  
Date Processed by STIC: 1/23/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



Does Not Comply  
Correct To Needed

1600

**RAW SEQUENCE LISTING**

PATENT APPLICATION: US/09/806,125A

DATE: 01/23/2003

TIME: 16:24:36

*Error on p. 2*

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\01232003\I806125A.raw

3 <110> APPLICANT: MATSUTANI, Etsuya  
 4 NAITO, Kenichiro  
 6 <120> TITLE OF INVENTION: Agents For Retarding Change of Hormone-dependent Cancer into  
 Hormone-  
 7 independent Cancer  
 9 <130> FILE REFERENCE: 2556US0P  
 11 <140> CURRENT APPLICATION NUMBER: 09/806,125A  
 C--> 12 <141> **CURRENT FILING DATE: 2003-01-10**  
 14 <150> PRIOR APPLICATION NUMBER: PCT/JP99/05533  
 15 <151> PRIOR FILING DATE: 1999-10-07  
 17 <150> PRIOR APPLICATION NUMBER: JP 10-286793  
 18 <151> PRIOR FILING DATE: 1998-10-08  
 20 <160> NUMBER OF SEQ ID NOS: 13  
 22 <170> SOFTWARE: PatentIn version 3.0  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 10  
 26 <212> TYPE: PRT  
 27 <213> ORGANISM: artificial  
 29 <220> FEATURE:  
 30 <223> OTHER INFORMATION: LH-RH peptide derivative  
 32 <220> FEATURE:  
 33 <221> NAME/KEY: MOD\_RES  
 34 <222> LOCATION: (6)..(6)  
 35 <223> OTHER INFORMATION: D-Leu  
 38 <220> FEATURE:  
 39 <221> NAME/KEY: MOD\_RES  
 40 <222> LOCATION: (10)..(10)  
 41 <223> OTHER INFORMATION: Gly-NH2 or -NH-C2H5  
 44 <400> SEQUENCE: 1  
 W--> 46 Pro His Trp Ser Tyr Xaa Leu Arg Pro Xaa  
 47 1 5 10  
 49 <210> SEQ ID NO: 2  
 50 <211> LENGTH: 10  
 51 <212> TYPE: PRT  
 52 <213> ORGANISM: artificial  
 54 <220> FEATURE:  
 55 <223> OTHER INFORMATION: LH-RH peptide derivative  
 57 <220> FEATURE:  
 58 <221> NAME/KEY: MOD\_RES  
 59 <222> LOCATION: (6)..(6)  
 60 <223> OTHER INFORMATION: DLeu, DAla, DTrp, DSer(tBut), D2Nal, DHis(ImBzl)  
 63 <220> FEATURE:  
 64 <221> NAME/KEY: MOD\_RES  
 65 <222> LOCATION: (10)..(10)

## RAW SEQUENCE LISTING

DATE: 01/23/2003

PATENT APPLICATION: US/09/806,125A

TIME: 16:24:36

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\01232003\I806125A.raw

```

66 <223> OTHER INFORMATION: Gly-NH2 or NH-C2H5
69 <400> SEQUENCE: 2
W--> 71 Pro His Trp Ser Tyr Xaa Leu Arg Pro Xaa
72 1 5 10
74 <210> SEQ ID NO: 3
75 <211> LENGTH: 11
76 <212> TYPE: PRT
77 <213> ORGANISM: artificial
79 <220> FEATURE:
80 <223> OTHER INFORMATION: LH-RH peptide derivative
82 <220> FEATURE:
83 <221> NAME/KEY: MOD_RES
84 <222> LOCATION: (1)..(1)
85 <223> OTHER INFORMATION: N(4H2-furoyl)Gly, NAc
88 <220> FEATURE:
89 <221> NAME/KEY: MOD_RES
90 <222> LOCATION: (2)..(2)
91 <223> OTHER INFORMATION: D2Nal
94 <220> FEATURE:
95 <221> NAME/KEY: MOD_RES
96 <222> LOCATION: (3)..(3)
97 <223> OTHER INFORMATION: D4ClPhe
100 <220> FEATURE:
101 <221> NAME/KEY: MOD_RES
102 <222> LOCATION: (4)..(4)
103 <223> OTHER INFORMATION: D3Pal
106 <220> FEATURE:
107 <221> NAME/KEY: MOD_RES
108 <222> LOCATION: (6)..(6)
109 <223> OTHER INFORMATION: NMeTyr, Tyr, Aph(Atz), NMeAph(Atz)
112 <220> FEATURE:
113 <221> NAME/KEY: MOD_RES
114 <222> LOCATION: (7)..(7)
115 <223> OTHER INFORMATION: DLys(Nisp), DCit, DLys(AzaglyNic), DLys(AzaglyFur), DhArg
(Atz), D
116 hC
119 <220> FEATURE:
120 <221> NAME/KEY: MOD_RES
121 <222> LOCATION: (9)..(9)
122 <223> OTHER INFORMATION: Lys(Nisp), Arg, hArg(Et2)
125 <400> SEQUENCE: 3
W--> 127 Xaa Xaa Xaa Xaa Ser Xaa Xaa Leu Xaa Pro Xaa
128 1 5 10
130 <210> SEQ ID NO: 4
131 <211> LENGTH: 6
132 <212> TYPE: PRT
133 <213> ORGANISM: artificial
135 <220> FEATURE:
136 <223> OTHER INFORMATION: kinase consensus target peptide
138 <400> SEQUENCE: 4

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Explanation for Xaa at position  
11 was omitted

## RAW SEQUENCE LISTING

DATE: 01/23/2003

PATENT APPLICATION: US/09/806,125A

TIME: 16:24:36

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\01232003\I806125A.raw

140 His Arg Asp Leu Ala Ala  
 141 1 5  
 143 <210> SEQ ID NO: 5  
 144 <211> LENGTH: 5  
 145 <212> TYPE: PRT  
 146 <213> ORGANISM: artificial  
 148 <220> FEATURE:  
 149 <223> OTHER INFORMATION: kinase consensus target peptide  
 151 <400> SEQUENCE: 5  
 153 Ser Asp Val Trp Ser  
 154 1 5  
 156 <210> SEQ ID NO: 6  
 157 <211> LENGTH: 16  
 158 <212> TYPE: DNA  
 159 <213> ORGANISM: artificial  
 161 <220> FEATURE:  
 162 <223> OTHER INFORMATION: primer  
 164 <220> FEATURE:  
 165 <221> NAME/KEY: misc\_feature  
 166 <222> LOCATION: (4)..(4)  
 167 <223> OTHER INFORMATION: C or A  
 170 <220> FEATURE:  
 171 <221> NAME/KEY: misc\_feature  
 172 <222> LOCATION: (3)..(3)  
 173 <223> OTHER INFORMATION: C or T  
 176 <220> FEATURE:  
 177 <221> NAME/KEY: misc\_feature  
 178 <222> LOCATION: (9)..(10)  
 179 <223> OTHER INFORMATION: C or T  
 182 <400> SEQUENCE: 6

W--&gt; 183 cannggggann ggcbgc

16

186 <210> SEQ ID NO: 7  
 187 <211> LENGTH: 16  
 188 <212> TYPE: DNA  
 189 <213> ORGANISM: artificial  
 191 <220> FEATURE:  
 192 <223> OTHER INFORMATION: primer  
 194 <220> FEATURE:  
 195 <221> NAME/KEY: misc\_feature  
 196 <222> LOCATION: (2)..(2)  
 197 <223> OTHER INFORMATION: a or g  
 200 <220> FEATURE:  
 201 <221> NAME/KEY: misc\_feature  
 202 <222> LOCATION: (8)..(8)  
 203 <223> OTHER INFORMATION: c or a  
 206 <220> FEATURE:  
 207 <221> NAME/KEY: misc\_feature  
 208 <222> LOCATION: (11)..(11)  
 209 <223> OTHER INFORMATION: g or a

## RAW SEQUENCE LISTING

DATE: 01/23/2003

PATENT APPLICATION: US/09/806,125A

TIME: 16:24:36

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\01232003\I806125A.raw

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212 <220> FEATURE:
213 <221> NAME/KEY: misc_feature
214 <222> LOCATION: (14)..(14)
215 <223> OTHER INFORMATION: a or g
218 <400> SEQUENCE: 7
W--> 219 anctccanac ntcnct 16
222 <210> SEQ ID NO: 8
223 <211> LENGTH: 17
224 <212> TYPE: DNA
225 <213> ORGANISM: artificial
227 <220> FEATURE:
228 <223> OTHER INFORMATION: primer
230 <220> FEATURE:
231 <221> NAME/KEY: misc_feature
232 <222> LOCATION: (3)..(3)
233 <223> OTHER INFORMATION: c or t
236 <220> FEATURE:
237 <221> NAME/KEY: misc_feature
238 <222> LOCATION: (4)..(4)
239 <223> OTHER INFORMATION: c or a
242 <220> FEATURE:
243 <221> NAME/KEY: misc_feature
244 <222> LOCATION: (6)..(6)
245 <223> OTHER INFORMATION: g or a
248 <220> FEATURE:
249 <221> NAME/KEY: misc_feature
250 <222> LOCATION: (10)..(10)
251 <223> OTHER INFORMATION: c or t
254 <220> FEATURE:
255 <221> NAME/KEY: misc_feature
256 <222> LOCATION: (12)..(12)
257 <223> OTHER INFORMATION: g or t
260 <220> FEATURE:
261 <221> NAME/KEY: misc_feature
262 <222> LOCATION: (15)..(15)
263 <223> OTHER INFORMATION: a or t
266 <400> SEQUENCE: 8
W--> 267 canngngacn tngcngc 17
270 <210> SEQ ID NO: 9
271 <211> LENGTH: 16
272 <212> TYPE: DNA
273 <213> ORGANISM: artificial
275 <220> FEATURE:
276 <223> OTHER INFORMATION: primer
278 <220> FEATURE:
279 <221> NAME/KEY: misc_feature
280 <222> LOCATION: (2)..(2)
281 <223> OTHER INFORMATION: a or g
284 <220> FEATURE:

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**RAW SEQUENCE LISTING**

DATE: 01/23/2003

PATENT APPLICATION: **US/09/806,125A**

TIME: 16:24:36

Input Set : **A:\PTO.VSK.txt**Output Set: **N:\CRF4\01232003\I806125A.raw**

285 <221> NAME/KEY: misc\_feature  
 286 <222> LOCATION: (8)..(8)  
 287 <223> OTHER INFORMATION: a or c  
 290 <220> FEATURE:  
 291 <221> NAME/KEY: misc\_feature  
 292 <222> LOCATION: (14)..(14)  
 293 <223> OTHER INFORMATION: a or c  
 296 <400> SEQUENCE: 9

**W--> 297 anctccanac gtcnga****16**

300 <210> SEQ ID NO: 10  
 301 <211> LENGTH: 17  
 302 <212> TYPE: DNA  
 303 <213> ORGANISM: artificial  
 305 <220> FEATURE:  
 306 <223> OTHER INFORMATION: primer  
 308 <220> FEATURE:  
 309 <221> NAME/KEY: misc\_feature  
 310 <222> LOCATION: (3)..(3)  
 311 <223> OTHER INFORMATION: c or t  
 314 <220> FEATURE:  
 315 <221> NAME/KEY: misc\_feature  
 316 <222> LOCATION: (4)..(4)  
 317 <223> OTHER INFORMATION: c or a  
 320 <220> FEATURE:  
 321 <221> NAME/KEY: misc\_feature  
 322 <222> LOCATION: (6)..(6)  
 323 <223> OTHER INFORMATION: g or a  
 326 <220> FEATURE:  
 327 <221> NAME/KEY: misc\_feature  
 328 <222> LOCATION: (10)..(10)  
 329 <223> OTHER INFORMATION: c or t  
 332 <220> FEATURE:  
 333 <221> NAME/KEY: misc\_feature  
 334 <222> LOCATION: (15)..(15)  
 335 <223> OTHER INFORMATION: a or g  
 338 <400> SEQUENCE: 10

**W--> 339 canngngacn tggengc****17**

342 <210> SEQ ID NO: 11  
 343 <211> LENGTH: 16  
 344 <212> TYPE: DNA  
 345 <213> ORGANISM: artificial  
 347 <220> FEATURE:  
 348 <223> OTHER INFORMATION: primer  
 350 <220> FEATURE:  
 351 <221> NAME/KEY: misc\_feature  
 352 <222> LOCATION: (2)..(2)  
 353 <223> OTHER INFORMATION: a or g  
 356 <220> FEATURE:  
 357 <221> NAME/KEY: misc\_feature

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/806,125A

DATE: 01/23/2003  
TIME: 16:24:37

Input Set : A:\PTO.VSK.txt  
Output Set: N:\CRF4\01232003\I806125A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 6,10  
Seq#:2; Xaa Pos. 6,10  
Seq#:3; Xaa Pos. 1,2,3,4,6,7,9,11  
Seq#:6; N Pos. 3,4,9,10  
Seq#:7; N Pos. 2,8,11,14  
Seq#:8; N Pos. 3,4,6,10,12,15  
Seq#:9; N Pos. 2,8,14  
Seq#:10; N Pos. 3,4,6,10,15  
Seq#:11; N Pos. 2,8,11,14

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13

**VERIFICATION SUMMARY**

DATE: 01/23/2003

PATENT APPLICATION: **US/09/806,125A**

TIME: 16:24:37

Input Set : **A:\PTO.VSK.txt**Output Set: **N:\CRF4\01232003\I806125A.raw**

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:46 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:71 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0